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3 BILL NO. S-78-06-18

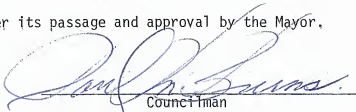
4 SPECIAL ORDINANCE NO. S-100-78

5 AN ORDINANCE approving City Utilities
6 Purchase Order No. 0051 with C.H. Ellis
7 Corporation for materials for the Three
8 Rivers Filtration Plant.

9 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE,
10 INDIANA:

11 SECTION 1. That City Utilities Purchase Order No. 0051, dated
12 May 26, 1978, between the City of Fort Wayne, by and through the City
13 Utilities Purchasing Agent and the Board of Public Works and C. H. Ellis
14 Corporation, for a Trackmobile Model Whiting 5TM, with defroster fan and
15 heater, to be used in the movement of cars and chemical deliveries to
16 Three Rivers Filtration Plant, at a cost of \$47,950.00, all as more parti-
17 cularly set forth in said Purchase Order, which is on file in the Office
18 of the Department of Purchasing and is by reference incorporated herein
19 and made a part hereof, be and the same is in all things ratified, con-
20 firmed and approved.

21 SECTION 2. That this Ordinance shall be in full force and
22 effect from and after its passage and approval by the Mayor.

23 
24 Councilman

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32
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34 APPROVED AS TO FORM
35 AND LEGALITY, _____

CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by Mrses, and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the day of _____, 1976, at _____ o'clock P.M., E.S.T.

DATE: 6-13-78

Charles W. Westerman
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Hinga, and duly adopted, placed on its passage.

PASSED (~~LOST~~) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	<u>9</u>				
BURNS	<u>X</u>				
HINGA	<u>X</u>				
HUNTER	<u>X</u>				
MOSES	<u>X</u>				
NUCKOLS	<u>X</u>				
SCHMIDT, D.	<u>X</u>				
SCHIMDT, V.	<u>X</u>				
STIER	<u>X</u>				
TALARICO	<u>X</u>				

DATE: 6-27-78

Charles W. Westerman
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING-MAP) (~~GENERAL~~) (~~ANNEXATION~~) (SPECIAL) (APPROPRIATION)

ORDINANCE (RESOLUTION) No. 2-100-78 on the 27th day of June, 1978.

ATTEST: Charles W. Westerman (SEAL)

Samuel J. Talarico

CITY CLERK

PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 28th day of June, 1978, at the hour of 11:00 o'clock A M., E.S.T.

Charles W. Westerman
CITY CLERK

Approved and signed by me this 29 day of June, 1978, at the hour of 8:30 o'clock 9 M. E.S.T.

Robert E. Hinchey
MAYOR

Bill No. S-78-06-18

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance
approving City Utilities Purchase Order No. 0051 with C. H. Ellis

Corporation for materials for the Three Rivers Filtration Plant

have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance CS PASS.

PAUL M. BURNS - CHAIRMAN

JAMES S. STIER - VICE CHAIRMAN

VIVIAN G. SCHMIDT

WINFIELD C. MOSES, JR.

FREDRICK R. HUNTER

James Stier
Vivian G. Schmidt
Winfield C. Moses, Jr.
Fredrick R. Hunter

6-27-78
DATE 6-27-78 CONCURRED IN
CHARLES W. WESTERMAN, CITY CLERK

Memorandum

To H.P. Wehrenberg, Board of Works Date May 26, 1978
From David Ruetschilling, Purchasing Dept.
Subject Rail Car Mover for Filtration Plant Reference Quote 0069

COPIES TO:

E. A. Stanczak Jr.
G. Patrick

Enclosed herewith are the documents relating to the above subject equipment. We have enclosed:

- 1.) Copies of Quotations.
- 2.) Tabulation Sheet.
- 3.) Letter of recommendation from E. A. Stanczak dated 5/25/78.
- 4.) City Utilities Purchase Order No. 0051 to C. H. Ellis Corporation.

After you have the opportunity to review the bids and supporting papers, please prepare the necessary paperwork for presentation to Council.

David
D. G. Ruetschilling

66-34-18
5/31/78

Memorandum

To E. A. Stanczak - Superintendent City Utilities Date May 8, 1978

From David Ruetschilling

Subject Filtration Plant requisition - #559 - Railcar Mover

COPIES TO:

Glen Patrick

R.F. Bugher
File ✓

We have obtained quotes on the requested railcar mover. Quotes were obtained from:

Stockberger Machinery (Switchmaster)

Pettibone Corporation (Pettibone)

C.H. Ellis (Trackmobile)

Hite Equipment (Case/Unimog)

Attached is a summary of their prices as quoted.

Prior to obtaining prices, the bidders were contacted and given ample time to inspect the site, and trade-in unit, 1 - 1964 trackmobile. Each bidder had the opportunity to discuss their product with Filtration Plant Personnel, as well as demonstrate their equipment and its capabilities - either at the site or another location .

- Hite equipment demonstrated their unit on site
- Stockberger demonstrated at another location
- C.H. Ellis is bidding a replacement to the existing trackmobile - whose capabilities are known.
- Pettibone offered a demonstration but that did not eventuate.

Attached herewith are copies of the quotes, plus associated specifications. After you have had the opportunity to review the proposals with Glen Patrick, please advise purchasing of your decision. We will then prepare the necessary documentation and process to the Board of Works for Council presentation.

Respectfully Submitted,



David Ruetschilling

DR/clt

CITY OF FORT WAYNE
DEPARTMENT OF PURCHASES

One Main Street
Fort Wayne, Indiana 46802

Date April 21, 1978

Request for Quotation No. 0069

To be considered your quotation must be received by 8th M. May 1978

To: Hite Equipment
1521 West Jefferson
Plymouth, Indiana

Attention: Mr. Harry Paulson

(Bid on a Case Unimog 4/94 Rail switcher)

Quantity	Unit		Unit	Trade	Extensl
			Price	Disc.	
1	Each	Railcar Moving Vehicle - Operable on Road or Track and to be so equipped for safe and legal operation in both modes. Vehicle must be capable of pulling a 60-80 Ton (approximately) Hopper Car (40-60 Ton Empty Weight) over approximately level grade. Vehicle to be equipped with extended Coupler to negotiate Two (2) curves @ 150' radius, and One (1) curve @ 250' radius. Vehicle also must be equipped with all weather operator cab, with Heater and Defroster. Trade-In: One (1) 1964 Trackmobile 3 TM. Trade-In Allowance \$ <u>5,227.00</u> Inspection of Site and Trade-in vehicle can be made at City of Fort Wayne - Three Rivers Filtration Plant. Mark Quotation Envelope, "Quote No. <u>0069</u> Due Date <u>5-8-78</u> "			\$46,126.00
				TOTAL	\$40,899.00

Following Must Be Complete

Terms: Net 60 Days

F.O.B. - Indicate Which of Following (Check)

Destination: F.O.B. Delivered

Shipping Point

Freight Allowed: _____

Shipping Point: _____

Shipping Schedule: 90 Days or Less

Shipping Weight: _____

Signed: *Harry M. Paulson*

Date: May 4, 1978

David Ruetschilling

David Ruetschilling - Assistant Director



Hite Equipment Repair, Inc.

1521 W. JEFFERSON

Plymouth, Indiana 46563



SERVICE

219-936-9966

SALES

219-936-9966

QUOTATION -- 0069

BUYER City of Ft. Wayne DATE 5-12-78
ADDRESS One Main St PHONE _____
CITY Fort Wayne STATE Ind.

QUANTITY	CODE	SECT	DESCRIPTION OF GOODS	PRICE
		1	Bidon Case, Unimog 4x4	
		2	Smith rail unit	\$46,126.00
		3		
		4	minus air system	4,089.00
		5		
		6		
		7		
		8		
		9	60 day delivery	
		10		
		11		
		12		
		13		
		14		
		15		
TRADE IN ALLOWANCE				
			SUB TOTAL	\$42,037.00
			TAX	
			TOTAL TRADE ALLOWANCE	5,227.00
TOTAL TRADE ALLOWANCE			DELIVERED PRICE	\$36,810.00

ACCEPTANCE TIME 30 days

Hite Equipment Repair, Inc.

(BUYER SIGNATURE)

G. D. F.
E. S. F.

(DEALER'S SIGNATURE)

By *Harry M. Paulsen*
(SALESMAN)

CITY OF FORT WAYNE
DEPARTMENT OF PURCHASES

One Main Street
Fort Wayne, Indiana 46802

Date April 21, 1978

Request for Quotation No. 0069

To be considered your quotation must be received by 8th M. May 1978

To: C. H. Ellis Corporation
2400 Southeastern Avenue
P. O. Box 1005
Indianapolis, Indiana 46206
Attention: M. L. Moore

Quantity	Unit		Unit	Trade	
			Price	Disc.	
1	Each	Railcar Moving Vehicle - Operable on Road or Track and to be so equipped for safe and legal operation in both modes. Vehicle must be capable of pulling a 60-80 Ton (approximately) Hopper Car (40-60 Ton Empty Weight) over approximately level grade. Vehicle to be equipped with extended Coupler to negotiate Two (2) curves @ 150' radius, and One (1) curve @ 250' radius. Vehicle also must be equipped with all weather operator cab, with Heater and Defroster.	\$47,950.00		47,950-00
		Trade-In: One (1) 1964 Trackmobile 3 TM.			
		Trade-In Allowance \$ <u>2,000.00</u>			
		Inspection of Site and Trade-in vehicle can be made at City of Fort Wayne - Three Rivers Filtration Plant.			
		Mark Quotation Envelope, "Quote No. <u>0069</u> Due Date <u>5-8-78</u> " (After trade in)		TOTAL	
					\$45,950.00

Following Must Be Complete

Terms: Net 10 days

F.O.B. - Indicate Which of Following (Check)

Destination: _____

Shipping Point: _____

Freight Allowed: _____

Shipping Point: X

Shipping Schedule: _____

Shipping Weight: _____

Signed: M. L. Moore

Date: May 4, 1978

David Ruetschilling
David Ruetschilling - Assistant Director

C.E. Ellis

CORPORATION

MATERIALS HANDLING EQUIPMENT

2400 SOUTHEASTERN AVE. — P.O. BOX 1005 — INDIANAPOLIS, IND. 46205 — TELEPHONE: 317-636-2326

A PROPOSAL FOR **Fort Wayne City Utilities**

DATE **February 23, 1978**

ATTENTION

Mr. Glen Patrick

YOUR INQUIRY NO.

OUR PROPOSAL NO. **P-2-1778 page 2**

GENTLEMEN: WE PROPOSE TO FURNISH YOU THE FOLLOWING AT THE PRICES LISTED:

TERMS

QUANTITY	MATERIAL	PRICE																																
	<p><u>Hydraulic System</u> - Constant pressure system with engine running, to insure maximum traction and braking ability and to prevent settling. Direct connected gear driven pump.</p> <p><u>Coupler</u> - Double extended, fixed head, heavy duty, cast steel, Whitling patented wight transfer design. Positive coupling insured w/AAR contour.</p> <p><u>Sanders</u> - Electrically operated, built-into-frame.</p> <p><u>Lights</u> - Two combination running and rear lights for rail operation. Two headlights and one tail stop light for road.</p> <p><u>Cab</u> - Totally enclosed driver conditioned cab, easy to use instruments and controls, comfortable seat, 360 deg. clear vision and electric windshield wiper.</p> <p><u>Warning Signal</u> - / Electric horn for both rail and road operation.</p> <table><tr><td><u>Dimensions</u></td><td><u>On Rail</u></td><td><u>On Road</u></td></tr><tr><td>Wheelbase</td><td>62"</td><td>109-1/2"</td></tr><tr><td>Length (overall)</td><td>96"</td><td>144"</td></tr><tr><td>Width (overall)</td><td>125"</td><td>96"</td></tr><tr><td>Height (overall)</td><td>98"</td><td>108"</td></tr></table> <p><u>Road Clearance:</u> 8-1/2" at differential - 10" at track wheel flange</p> <p><u>Weight</u> - 13,600#</p> <p><u>Maximum Speeds (MPH)</u></p> <table><tr><td>Low</td><td>5.3</td><td>3.75</td></tr><tr><td>Intermediate</td><td>14.0</td><td>10.30</td></tr><tr><td>High</td><td>30.0</td><td>25.00</td></tr></table> <p><u>Maximum Tractive Efforts</u></p> <table><tr><td>On Rail</td><td>- 13,000#</td></tr><tr><td>On Road</td><td>- 3,600#</td></tr></table> <p>Price - F.O.B. Harvey, Ill. excluding applicable taxes</p> <p>Optional Accessories:</p> <table><tr><td>Defroster Fan</td><td>85.00</td></tr><tr><td>Heater</td><td>150.00</td></tr></table>	<u>Dimensions</u>	<u>On Rail</u>	<u>On Road</u>	Wheelbase	62"	109-1/2"	Length (overall)	96"	144"	Width (overall)	125"	96"	Height (overall)	98"	108"	Low	5.3	3.75	Intermediate	14.0	10.30	High	30.0	25.00	On Rail	- 13,000#	On Road	- 3,600#	Defroster Fan	85.00	Heater	150.00	
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On Road	- 3,600#																																	
Defroster Fan	85.00																																	
Heater	150.00																																	
	<p><u>PRICES AND DELIVERY SUBJECT TO CONFIRMATION AT TIME OF ORDER.</u></p> <p>SHIPMENT CAN BE MADE WITHIN <u>14-16</u> WEEKS AFTER ACCEPTANCE OF THIS PROPOSAL AND RECEIPT OF FULL INFORMATION.</p>																																	

SHIPMENT CAN BE MADE WITHIN **14-16** WEEKS AFTER ACCEPTANCE OF THIS PROPOSAL AND RECEIPT OF FULL INFORMATION.

F.O.B. POINT OF SHIPMENT AT WHICH POINT POSSESSION SHALL PASS FROM THE SELLER TO THE PURCHASER.
PRICES SUBJECT TO CHANGE OR WITHDRAWAL AFTER 30 DAYS FROM THIS PROPOSAL.

RESPECTFULLY SUBMITTED

C.H. ELLIS CORPORATION

BY *B. L. Moore*
M.L. Moore-Sales Engineer

C.H. Ellis

CORPORATION

MATERIALS HANDLING EQUIPMENT

2400 SOUTHEASTERN AVE. — P.O. BOX 1005 — INDIANAPOLIS, IND. 46205 — TELEPHONE: 317-636-2326

A PROPOSAL FOR **Fort Wayne City Utilities**
Fort Wayne, Indiana

DATE **February 23, 1978**

YOUR INQUIRY NO.

ATTENTION **Mr. Glen Patrick, Supt. of Filtration Plant**
GENTLEMEN: WE PROPOSE TO FURNISH YOU THE FOLLOWING AT THE PRICES LISTED:

OUR PROPOSAL NO. **P-2-1778**

TERMS

Net 10 Days

QUANTITY	MATERIAL	PRICE
One	<p><u>Whiting 5TM Trackmobile</u> <u>Frame</u> - Heavy duty, all welded from preformed steel plate and structural shapes. <u>Engine</u> - Industrial, L-head, 6 cyl. Bore: 3-3/4" Stroke: 4-1/4" <u>Displacement</u>: 292 cu. in. 96 BHP at governed speed of 2500 RPM <u>Max. Torque</u>: 208 ft./lbs. at 150 RPM 7 main bearings <u>Fuel Capacity</u> - 17 gallons - 8 hours average running time <u>Torque Converter</u> - 3.5 to 1 torque multiplication ratio <u>Transmission and Drop Case</u> - Constant mesh planetary gearing, 3 speeds forward: Low: 12:96 to 1, Intermediate: 4:70 to 1, High 1:62 to 1, -- 3 speeds reverse: Low: 12:55 to 1, Intermediate: 4:55 to 1, High: 1:57 to 1, Manual shift engage and disengage for rail wheels. <u>Road Wheels Transfer Case</u> - Heavy duty, hardened alloy steel spur gears. Oil bath lubrication 1 to 1 ratio. <u>Rail Wheel Gearcase</u> - Heavy duty, hardened alloy steel shaved spur gears. Oil bath lubrication 1:88 to 1 reduction. <u>Brakes</u> - 12" diameter, hydraulic service, mechanical parking, internally expanding, self energizing drum and shoe type. Rail brake mounted on back end of road wheel transfer case. Two wheel road brakes on road drive axle. <u>Rail Wheels</u> - 18" diameter, heat treated, cast steel, keyed on tapered axles. <u>Road Wheels</u> - Tractor type, heavy duty, retractable suspension, roller bearing mounted wheels. 8 ply, 7:50 x 17 tires <u>Rail Drive</u> - Through transmission and drop case; through rail wheel gearcase to driving axle and by side rods to driven axle. <u>Road Drive</u> - Through road wheel transfer case to truck-type no spin differential driving axle. Automatic disengage in retracted position. <u>Steering</u> - Mechanical, truck type linkage and spindles. Continued on page 2</p>	
SHIPMENT CAN BE MADE WITHIN		WEEKS AFTER ACCEPTANCE OF THIS PROPOSAL AND RECEIPT OF FULL INFORMATION.

F.O.B. POINT OF SHIPMENT AT WHICH POINT POSSESSION SHALL PASS FROM THE SELLER TO THE PURCHASER.
PRICES SUBJECT TO CHANGE OR WITHDRAWAL AFTER 30 DAYS FROM THIS PROPOSAL.

RESPECTFULLY SUBMITTED

C.H. ELLIS CORPORATION

BY _____



2400 SOUTHEASTERN AVE. — P.O. BOX 1005 — INDIANAPOLIS, IND. 45205 — TELEPHONE: 317-636-2326

A PROPOSAL FOR **Fort Wayne City Utilities**
Fort Wayne, Indiana

DATE **February 23, 1978**

YOUR INQUIRY NO.

ATTENTION **Mr. Glen Patrick**

OUR PROPOSAL NO. **P-2-1778 page 3**

GENTLEMEN: WE PROPOSE TO FURNISH YOU THE FOLLOWING AT THE PRICES LISTED:

TERMS **Net 10 Days**

QUANTITY	MATERIAL	PRICE
One	<u>Trade In Information</u> Whiting 3 TM Trackmobile	\$2,000.00
SHIPMENT CAN BE MADE WITHIN		WEEKS AFTER ACCEPTANCE OF THIS PROPOSAL AND RECEIPT OF FULL INFORMATION.

F.O.B. POINT OF SHIPMENT AT WHICH POINT POSSESSION SHALL PASS FROM THE SELLER TO THE PURCHASER.
PRICES SUBJECT TO CHANGE OR WITHDRAWAL AFTER 30 DAYS FROM THIS PROPOSAL.

RESPECTFULLY SUBMITTED

C.H. ELLIS CORPORATION

BY *M. L. Moore*

M.L. Moore

CITY OF FORT WAYNE
DEPARTMENT OF PURCHASES

One Main Street
Fort Wayne, Indiana 46802

Date April 21, 1978

Request for Quotation No. 0069

To be considered your quotation must be received by 8th M. May 197 8

To: Pettibone Corporation
Railroad Division
233 South Wacker Drive
Suite No. 5700
Chicago, Illinois 60606
Attention: Mr. Raymond P. Mangan

Quantity	Unit		Unit Price	Trade Disc.	Extension
1	Each	<p>Railcar Moving Vehicle - Operable on Road or Track and to be so equipped for safe and legal operation in both modes. Vehicle must be capable of pulling a 60-80 Ton (approximately) Hopper Car (40-60 Ton Empty Weight) over approximately level grade. Vehicle to be equipped with extended Coupler to negotiate Two (2) curves @ 150' radius, and One (1) curve @ 250' radius. Vehicle also must be equipped with all weather operator cab, with Heater and Defroster.</p> <p>Trade-In: One (1) 1964 Trackmobile 3 TM.</p> <p>Trade-In Allowance \$ _____</p> <p>Inspection of Site and Trade-in vehicle can be made at City of Fort Wayne - Three Rivers Filtration Plant.</p> <p>Mark Quotation Envelope, "Quote No. <u>0069</u> Due Date <u>5-8-78</u>"</p>			<p>Please see quotation dated May 2, 1978 attache</p> <p>TOTAL</p>

Following Must Be Complete

Terms: 1/2% 10 net 30 days

F.O.B. - Indicate Which of Following (Check)

Destination: _____

Shipping Point

Freight Allowed: None

Shipping Point: F.O.B. Chicago, Illinois

Shipping Schedule: _____

Shipping Weight: 36,000 lbs.

Signed: Raymond P. Mangan
Raymond P. Mangan

Date: May 2, 1978

David Ruetschilling
David Ruetschilling - Assistant Director

May 2, 1978

QUOTATION

- 1 - Pettibone Model 250 CM Rail Car Mover
25,000 lbs. capacity drawbar pull
GM 4-53N diesel engine
Automatic engine shutdown system - Donaldson dry type air filter
Maxim Silencer muffler
Engine compartment side panels
Chassis: 8' - 3" overall tire width for clearance of railroad tie
plates and spikes
Four-wheel Pettibone planetary drive, heavy duty axles
Four-wheel heavy duty air over hydraulic 17-1/4" bladder brakes
Mechanical Parking brake
Four-wheel power steering, four-way - front wheel four wheel, rear
wheel and crab
Tires: (4) 14:00 x 24 16 ply
Funk Model 1024 transmission, four speeds forward and reverse,
power shift
Electrical system 12 volt with alternator
Torque converter
Controls: Hydraulic throughout
Other: Electric starter, fuel gauge, hour meter, ammeter, engine
temperature gauge, engine oil pressure gauge, oil temperature
gauge, locks on all tanks, tool boxes and doors, license
plate bracket
Deluxe enclosed steel cab, side and rear windows, windshield wipers
(front and rear) heater and defroster
Lights: Two head, combination stop and tail light, two rear sealed
beam flood lights on separate switch, directional signals
with hazard switch
Couplers: Two standard AAR hydraulically moved vertically for hi-rail
or rubber operation. Push button coupler release operated
from cab
Hi-Rail attachment: Friction type which utilizes four-wheel drive and
four-wheel brake system
Electrically operated rail sanders

Price -- F.O.B. Chicago, Illinois \$65,000.00

For your further consideration we quote:

- 1 - Pettibone Model 250 CM Rail Car Mover (Reconditioned)
Equipped as above

Price -- F.O.B. Chicago, Illinois \$49,500.00

City of Fort Wayne

May 2, 1978

-2-

Extra for optional equipment:

Snow Blade attachment \$4,035.00

Specification bulletin P-2311-A enclosed.

Terms: 1/2 of 1% ten days, net 30 days.

Delivery: New Machine - approximately 30 days after receipt of order.

Reconditioned machine - immediate

Shipping weight: 36,000 lbs.

Approximate freight: Chicago to Fort Wayne -- \$600.00

Trade-in allowance against purchase of either machine quoted above.

1 - 1964 Trackmobile 3 TM

F.O.B. Chicago, Illinois \$4,500.00

att.

CITY OF FORT WAYNE
DEPARTMENT OF PURCHASES

One Main Street
Fort Wayne, Indiana 46802

ate April 21, 1978

Request for Quotation No. 0069

o be considered your quotation must be received by 8th M. May 1978

o: Stockberger Machinery, Inc.
2222 U.S. Highway #30 Bypass - West
Fort Wayne, Indiana 46808

Attention: Mr. Tony DiFilippo

Quantity	Unit	Unit Price	Trade Disc.	Extended
1	Each	Railcar Moving Vehicle - Operable on Road or Track and to be so equipped for safe and legal operation in both modes. Vehicle must be capable of pulling a 60-80 Ton (approximately) Hopper Car (40-60 Ton Empty Weight) over approximately level grade. Vehicle to be equipped with extended Coupler to negotiate Two (2) curves @ 150' radius, and One (1) curve @ 250' radius. Vehicle also must be equipped with all weather operator cab, with Heater and Defroster.		\$55,985.00
		Trade-In: One (1) 1964 Trackmobile 3 TM.		
		Trade-In Allowance \$ <u>4,500.00</u>		
		Inspection of Site and Trade-in vehicle can be made at City of Fort Wayne - Three Rivers Filtration Plant.		
		FOR OPTIONAL EQUIPMENT - SEE ATTACHED COPY...		
		Mark Quotation Envelope, "Quote No. <u>0069</u> Due Date <u>5-8-78</u> "		
			TOTAL	\$51,485.00

Following Must Be Complete

Terms: Net 10 days from delivery

O.B. - Indicate Which of Following (Check)

Destination: Ft. Wayne

Shipping Point

Freight Allowed: _____

Shipping Point: _____

Shipping Schedule: 8 to 12 weeks

Shipping Weight: 19,000 lbs.

Signed: R. L. Nicolai
R. L. Nicolai, Operations Mgr
Date: May 3, 1978

David Ruetschilling
David Ruetschilling - Assistant Director

(1) NEW SWITCHMASTER MODEL 6000 PAIL CAR MOVER

including as standard...

Power wet disc brakes

Sound proofing in cab

Bonaldson Engine Air Cleaner

Neutral start transmission

Power steering

Puncture-proof highway tires

Top side lubrication

Air horn

Mirrors, right and left side

And all other as per attached specifications.

TOTAL NET PRICE - F.O.B. Fort Wayne, Indiana \$ 55,985.00

Cost of tractive per pound = \$ 3.11 with standard specifications & equipment as above.

OPTIONAL EQUIPMENT:

Cab Heater, high capacity...

\$ 205.00

Defroster Fan, each...

\$ 80.00

Extended fixed head (see attached drawing)...

\$ 775.00

Cost of tractive effort per pound with all of above options = \$ 3.17.

ADDITIONAL OPTIONS:

Air Sanders on one axle...

\$ 1,050.00

Cost of tractive effort per pound with all noted options = \$ 2.77.

DIESEL ENGINE PACKAGE:

Detroit 4-53 Diesel Engine, 130 hp, 4 cylinder, 2 cycle...

\$ 3,665.00

Diesel ether quick start...

\$ 78.00

Diesel radiator shutter package...

\$ 640.00

S P E C I F I C A T I O N S
SWITCHMASTER MODEL 6000

TRACTIVE EFFORT OR PULLING CAPACITY (ON RAIL):

Unsanded Rail	One coupler engaged - 18,000 lbs.
Sanded Rail	One coupler engaged - 21,000 lbs.

MACHINE WEIGHT: 19,000 lbs.

ENGINE: Standard

Cylinders	6 Industrial
Fuel	Gasoline
Horsepower	143 H.P.
Model	Hercules G3400

FUEL CAPACITY: 25 gallons, 11 hours average running time.

FRAME: Full 2" thick main frame and members, sand blasted and stress relieved.

TORQUE CONVERTER: 3:1 Torque multiplication ratio.

TRANSMISSION: Full hydraulic power shift with 3 speeds forward, 3 speeds reverse.

RAIL BRAKES: POWER, hydraulic 6 caliper fade resistant, adjustment free wet disc brakes.
Actuated through dual piston master cylinder with accumulator safety.

RAIL WHEELS: 22" diameter, heat treated cast steel, mounted on sealed heavy duty Timken roller bearings.

RAIL SUSPENSION SYSTEM: Positive pivoting frame to allow all railwheels to follow uneven track.

RAIL DRIVE: Through transmission and internal planetary no-spin differential drive axle with prestressed and pre-lubricated industrial chain to railwheels.
Total gear reduction 245:1

ROAD WHEELS: Puncture proof, pneumatic profile, size is 8.15 x 15 - traction tread type.

ROAD DRIVE: Positive drive through pre-stressed, pre-lubricated industrial chain.

STEERING: POWER, steering with accumulator safety through industrial type linkage and spindles.

COUPLER: HEAVY DUTY, cast steel knuckle, weight transfer type, remote controlled from cab, AAR contour.

LIGHTS:

2 Sealed beam headlights front and rear, cab courtesy light, instrument panel lights.

ELECTRICAL:

55 amp alternator
95 amp hour battery
12 volt system

CAB:

360° visibility, side entry/exit door with rollup safety glass window, fully enclosed 'box framed' integral tube structure meeting sound level requirements.

WARNING LIGHT:

Roof mounted amber flashing safety light.

WARNING HORN:

For rail and road operation, signals yard personnel of rail car movement.

AIR CLEANER:

Dry type.

IN LINE DRIVE:

Engine and transmission are mounted in line with rail car coupling forces eliminating drive line mis-alignment.

RAIL WINDSHIELD WIPER:

Enables the operator to see plant traffic and the position of switches during inclement weather. Wiper also works on 'road' position.

NEUTRAL START:

Eliminates the possibility of the operator starting the machine while in gear.

INDIVIDUAL LOWERING CONTROL:

Simplified system allows one end of the machine to be set on the track at a time, thus enabling the inexperienced operator to quickly place the machine on or off the rail without leaving the operator's seat.

LUBRICATION:

All lubrication points as well as the engine oil and engine oil filter have been designed to be serviced from the top of the machine. This reduces maintenance time and eliminates the need for costly 'centralized lubrication' systems.

DIFFERENTIAL DRIVE:

John Deere internal planetary differential drive for operating on tight radius curves.

Quotation # 0069	Stockberger	Pettibone	C.H. Ellis	Hite Equipment
Railcar Mover				
Base Bid	\$55,985	\$65,000 49,500 *	\$47,950	\$46,126
Options				
Heater	205			
Defroster	80	Incl.	Incl.	Incl.
Coupler - Extended Head	775			
Sanders	1050			
Sub Total	58,095	65,000 49,500*	47,950	46,126
Less Trade-In 1-1964 Trackmobile	4,500	4,500	2,000	5,227
Total Bid	53,595	\$60,500 45,000*	\$45,950	\$40,899 ✓
Delivery	60-90 days AFO	30 days ARO Immediate ARO	14-16 days	90 date ARO
Payment Terms	Net 10	1/2% 10 N 30	Net 10 Days	Net 60 days

* Reconditioned Unit

Memorandum

To Purchasing Department

Date 5/25/78

From Edmund A. Stanczak, Jr. *EAS*

Subject TRACKMOBILE PURCHASE

COPIES TO:

Henry Wehrenberg
Glen Patrick
Bob Johnson

We have evaluated the bids received on the subject purchase request and recommend the second lowest bidder (C. H. Ellis Corp.) be awarded the bid.

The Trackmobile offered by Ellis meets our requirements in all respects. The Trackmobile also has the advantage that mechanics at both the Filtration Plant and the Garage are familiar with its operation and maintenance. We have had excellent service from Ellis in the past when replacement parts or technical service was required. The Trackmobile also received a good rating from Central Soya, where numerous railcar movers are utilized.

The Unimog offered by Hite Equipment provided questionable tractive power during its demonstration at the Filtration Plant. Although the Unimog was able to move the railcars to which it was attached, some slippage of the wheels was noted. During the winter months, with a buildup of ice and snow on the tracks, it is felt this unit may not be able to move a loaded car. Additionally, the Unimog is not American-made. Some difficulty in obtaining spare parts could be expected. We do not feel the risk associated with the purchase of the Unimog is justified by their lower bid.

The remaining two bidders' equipment meets with our specifications, however, nothing about either machine justifies the additional cost associated with an award to either company.

Inasmuch as Ellis is offering only \$2000 for the trade-in of our old Trackmobile, I recommend that we keep the old unit. The unit would serve as a back-up to the new Trackmobile.

Finally, Ellis has indicated that its price would remain firm if delivery and consequently payment were deferred until December 1, 1978. To alleviate the potential of any cash flow difficulties within the Utility, I recommend delivery be requested on September 1, 1978.

CITY OF FORT WAYNE

CITY UTILITIES

DEPARTMENT OF PURCHASES
CITY-COUNTY BUILDING
NUMBER ONE EAST MAIN STREET
FORT WAYNE, INDIANA 46802

C. H. Ellis Corporation
P.O. Box 1005
2400 Southeastern
Indianapolis, Indiana 46206

66-34-18 5/31/78
ORIGINAL
PURCHASE ORDER NO.

0051

This number must appear on each pack-
age, packing slip, invoice, bill of lading,
express receipt and correspondence.

DATE May 26, 1978

SHIP TO —

Three Rivers Filtration Plant
Griswold Drive
Fort Wayne, Indiana 46803

MAIL ALL INVOICES TO —
CITY UTILITIES

GENERAL ACCOUNTING
4th FLOOR CITY-COUNTY BUILDING
NUMBER ONE EAST MAIN STREET
FORT WAYNE, INDIANA 46802

INVOICE IN DUPLICATE, INCLUDING
CERTIFICATION AS REQUIRED BY
INDIANA STATE BOARD OF ACCOUNTS

QUANTITY RECEIVED	QUANTITY ORDERED	DESCRIPTION	ACCT. OR W.O. NO.	UNIT PRICE	TOTAL
			21-392		
	1	Whiting 5TM trackmobile			\$47,715. 00
	1	Defroster Fan			85. 00
	1	Heater			150. 00
					\$47,950. 00
<p>APPROVED FOR PUBLIC WORKS</p> <p>Henry P. Wehrenberg Edward W. Lamm</p> <p>Per City of Fort Wayne Invitation to Quote 0069 dated 4/21/78, C. H. Ellis proposal No. P-1978 and quote dated 5/4/78</p> <p>Delivery: September 1, 1978 F.O.B. Harvey, Illinois Terms: Net 10</p> <p>SUBJECT TO COUNCILMANIC APPROVAL</p> <p>RW/pl #559</p>					
<p>ATTENTION!</p> <p>Send all Invoices to General Accounting 4th Floor, City-County Bldg. 1 E Main St. Fort Wayne, Indiana 46802 Show P. O. Number on Packing Slip and Invoice.</p>					

NOTE: TERMS OF PAYMENT MUST BE SHOWN ON FACE OF INVOICE. OTHERWISE A 2% CASH DISCOUNT WILL BE TAKEN

BY _____
CITY UTILITIES PURCHASING AGENT

SUBJECT TO CONDITIONS ON REVERSE SIDE

FORM 3-73

City Utilities

PURCHASE REQUISITION

C. H. Ellis Corporation
P. O. Box 1005
2400 Southeastern
Indianapolis, In. 46206

Date March 1, 1978

Please order the following Material for Delivery as Specified:

To be delivered to Three Rivers Filtration Plant

Req. No. #559

On or before _____

P. O. No. 0061

QUANTITY	DESCRIPTION	DIST. NO.	DEPARTMENT ESTIMATED COST
1	Whiting 5TM trackmobile	21-392	\$47,715.00
1	Defroster Fan		85.00
1	Heater		150.00
	<i>TOTAL</i>		\$47,950.00
	Less trade-in, 3TM-trackmobile		2,000.00
	Total		\$45,950.00
	<i>Per City of Fort Wayne Invitation to Quote 0069</i>		
<i>dot-14/21/78,</i>	<i>Per C.H. Ellis attached proposal No. P-2-1778 and quote dated</i>		
	<i>5/4/78, a</i>		
	<i>DELIVERY - SEPTEMBER 1, 1978</i>		
	<i>F.O.B. HARVEY, ILL</i>		
REMARKS:	<i>TERMS: NET 10</i>		

I hereby certify that the work or supplies above specified are necessary for stock or use in this department.

Department Filtration Plant

Dept. Head Glen G. Fathall

Charge Light _____ Water X Sorage _____

FROM THE OFFICE OF.....

GENERAL SUPERINTENDENT, CITY UTILITIES

3/2/78

Dick.

I obtain other quotes if possible.
in my conversations with him
concerning this purchase, he has
advised me this is the only source
of which he is knowledgeable.
a.B

March 1, 1978

This has been a capital budget item since 1975. The 3TM trackmobile being traded in was purchased in 1964. Frequent downtime for repairs of this unit creates critical problems with chemical deliveries and excessive demurrage charges.

RECEIVED

MAR 2 1978

CITY UTILITIES
GEN. SUPT. OFFICE

4101

TITLE OF ORDINANCE SPECIAL ORDINANCE - CITY UTILITIES PURCHASE ORDER NO. 0051 - C. H. ELLIS CORP.

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

2-78-06-18

SYNOPSIS OF ORDINANCE CITY UTILITIES PURCHASE ORDER NO. 0051, C. H. ELLIS CORPORATION, IN THE
AMOUNT OF \$47,950.00 FOR A TRACKMOBILE MODEL WHITING 5TM, WITH DEFROSTER FAN AND HEATER, TO BE
USED IN THE MOVEMENT OF CARS AND CHEMICAL DELIVERIES TO THREE RIVERS FILTRATION PLANT.

(MEMORANDUM AND PURCHASE ORDER ATTACHED)

EFFECT OF PASSAGE ACQUISITION OF TRACKMOBILE BY ELLIS CORP. WHICH MEETS REQUIREMENTS OF FILTRATION
PLANT AND THIS RAILCAR MOVER IS ONE WHICH MECHANICS ARE FAMILIAR WITH

EFFECT OF NON-PASSAGE PROBLEMS WITH CHEMICAL DELIVERIES TO PLANT PLUS EXCESSIVE
DEMURRAGE CHARGES. PRESENT TRACKMOBILE IS FREQUENTLY DOWN FOR REPAIRS CREATING PROBLEMS

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) \$47,950.00 FROM CITY UTILITIES

ASSIGNED TO COMMITTEE _____

EP

C. H. Ellis